Notice of Allowability	Application No.	Applicant(s)
	10/560,064	ADACHI, SHINYA
	Examiner	Art Unit
	Gertrude Arthur-Jeanglaude	3661
The MAILING DATE of this communication appeal all claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this a or other appropriate communicati <b>IGHTS</b> . This application is subjection	application. If not included on will be mailed in due course. THIS
1. $igspace$ This communication is responsive to <u>the application filed o</u>	on 12/8/05.	
2. ⊠ The allowed claim(s) is/are <u>1-21</u> .		
<ul> <li>3.  Acknowledgment is made of a claim for foreign priority una.</li> <li>a)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents have</li> <li>2.  Certified copies of the priority documents have</li> <li>3.  Copies of the position copies of the priority documents.</li> </ul>	e been received. e been received in Application No.	
3. Copies of the certified copies of the priority do	cuments have been received in the	is national stage application from the
International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:	•	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  4. A SUBSTITUTE OATH OR DECLARATION must be submin INFORMAL PATENT APPLICATION (PTO-152) which give	MENT of this application.  itted. Note the attached EXAMINE	ER'S AMENDMENT or NOTICE OF
5. CORRECTED DRAWINGS ( as "replacement sheets") mus	st be submitted	
(a) ☐ including changes required by the Notice of Draftspers		O-948) attached
1)  hereto or 2)  to Paper No./Mail Date		
(b) including changes required by the attached Examiner' Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on the draw he header according to 37 CFR 1.12	wings in the front (not the back) of 11(d).
<ol> <li>DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT</li> </ol>	sit of BIOLOGICAL MATERIAL FOR THE DEPOSIT OF BIOLOGI	must be submitted. Note the ICAL MATERIAL.
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. Notice of Informal	l Patent Application
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🔲 Interview Summa	ry (PTO-413),
<ol> <li>Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 12/8/05</li> </ol>	Paper No./Mail D 7.	ndment/Comment
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's Stater 9. □ Other	ment of Reasons for Allowance  Gartyde A Jumplande  Gentrude A Jeanglaude
		Primary Examiner AU 3661

Art Unit: 3661

## **REASONS FOR ALLOWANCE**

The following is an examiner's statement of reasons for allowance: The prior art fails to disclose a method of compressing vector data which indicate position information on a digital map and which have a shape represented by a coordinate point series and comprising resampling a vector shape by a constant resampling length in such a manner that a distance error between a straight line which links between sampling points and vector shape does not deviate to either the left or the right of the straight line in a longitudinal direction thereof so as to set a sampling point; nor does it disclose dividing a linear shape contained in a digital map into one or a plurality of segments and resampling linear shapes in the segments by a constant resampling length; representing the position of the linear shape by a data string of quantized angle information indicating the position of a sampling point; and variable length coding data of the data string. These limitations are neither taught nor obvious by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Application/Control Number: 10/560,064

Art Unit: 3661

Adachi

(U.S. Patent No. 6,931,319)

Page 3

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gertrude Arthur-Jeanglaude whose telephone number is (571) 272-6954. The examiner can normally be reached on Monday-Friday from 8:30 a.m. to 6:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Primary Examiner

AU 3661